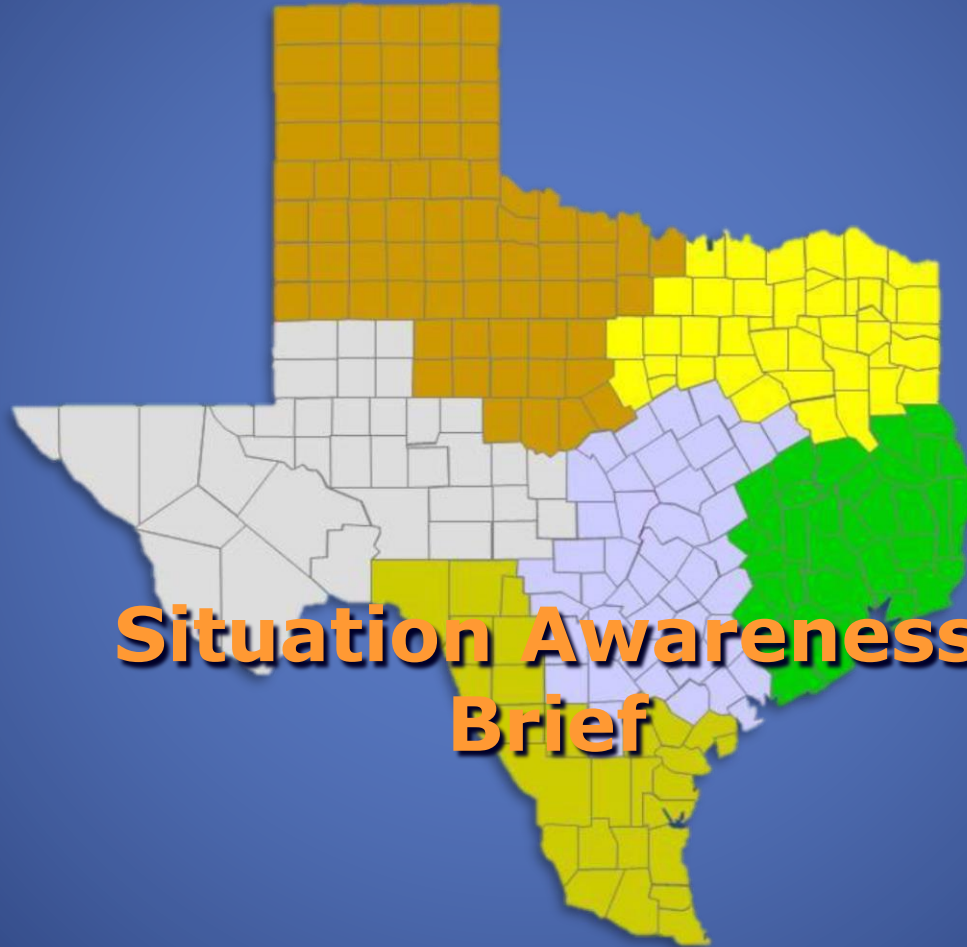


Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief

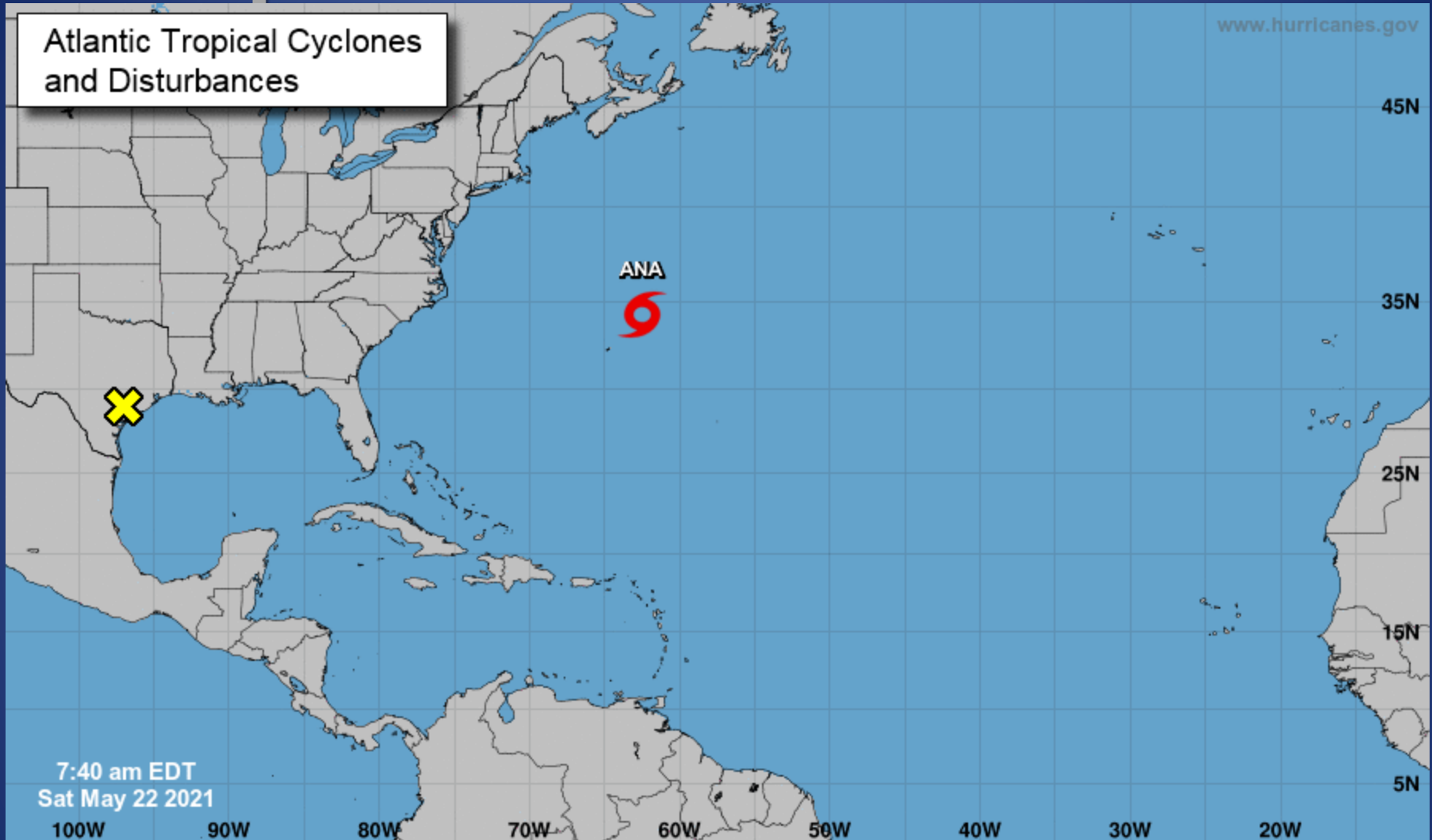


**Saturday, May 22nd, 2021
As of 0900 CST**

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov



7:40 am EDT
Sat May 22 2021

Current Disturbances and Two-Day Cyclone Formation Chance:

✕ < 40% ✕ 40-60% ✕ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ○ Storm ○ Hurricane

⊗ Post-Tropical Cyclone or Remnants

Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/21/21	Preliminary Earthquake Report (M3.4)	Culberson County	Y
05/21/21	Initial Report of a Bridge Closure (IH35)	Frio County	N
05/22/21	Preliminary Earthquake Report (M3.5)	Midland County	Y
05/22/21	Preliminary Earthquake Report (M2.6)	Culberson County	Y

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
05/21/21	NWS Austin/San Antonio: Friday 9:30 AM Tropical Weather Update
05/21/21	Silver Alert Discontinuation - Austin PD - Abbood
05/21/21	NWS Houston: Gulf Disturbance Briefing
05/21/21	NWS Lake Charles - Rain Forecast 1030 am Friday
05/21/21	NWS West Gulf River Forecast Center: Heavy Rainfall Threat
05/21/21	Silver Alert Discontinuation - New Braunfels PD - Galloway
05/21/21	NWS Brownsville: 11th Annual Rio Grande Valley Emergency Management Partners Virtual Hurricane Workshop
05/21/21	NWS Lake Charles: Tropical Update: 1 PM Friday
05/21/21	NWS Lake Charles Facebook Live Briefing at 5:30 PM 05/21/21
05/21/21	NWS Houston/Galveston Latest Weather Briefing
05/21/21	NWS Brownsville/RGV 5 PM Tropical Weather Update for Friday, May 21, 2021
05/21/21	NWS Houston/Galveston Latest Weather Briefing for SE Texas: Disturbance in the Gulf

Informational Products

Distributed by the State Operations Center

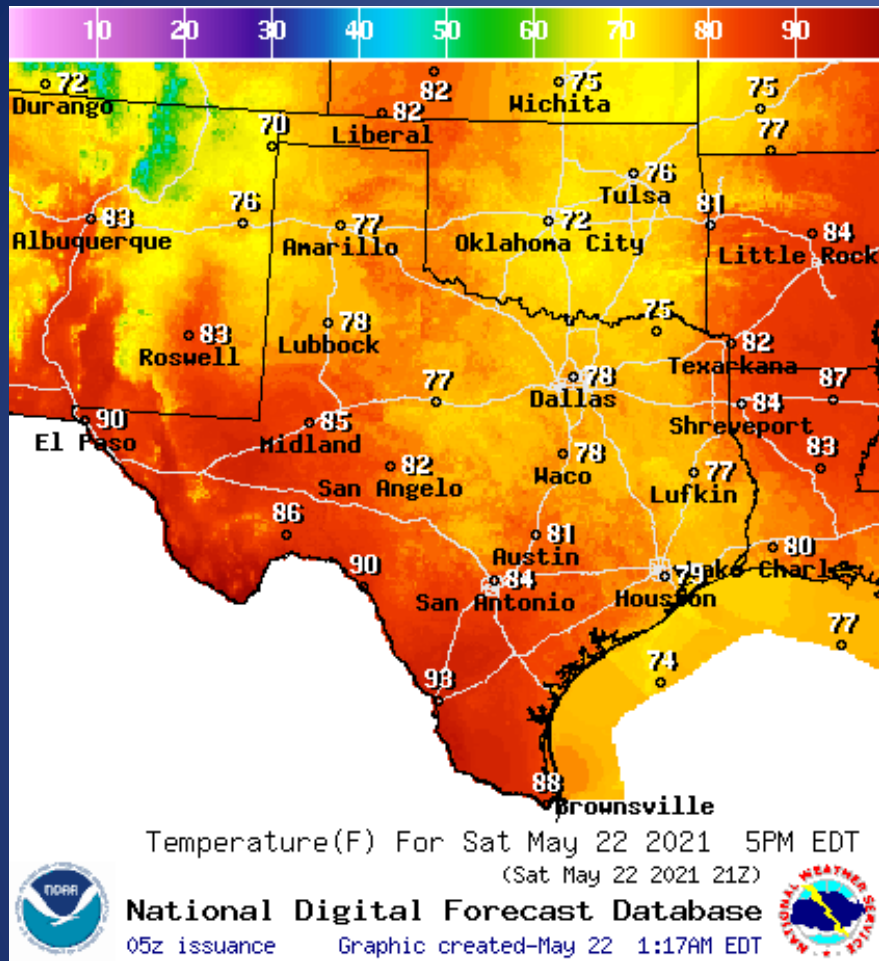
DATE	SUBJECT
05/21/21	NWS Lake Charles: Tropical Update: 7 pm Fri 052121
05/21/21	Tropical Weather Outlook 7:00 PM CDT 052121
05/21/21	NWS Brownsville/RGV 845 PM Tropical Weather Update for Friday, May 21, 2021
05/21/21	NWS Shreveport, LA: Public Information Statement - NWS Damage Survey for May 20, 2021
05/22/21	NWS Shreveport, LA: Public Information Statement - Update 1 NWS Damage Survey for May 20, 2021
05/22/21	NWS Brownsville: Drought Information Statement
05/22/21	NWS Brownsville: Public Information Statement - Updated 48 Hour Total Rainfall Amounts for Deep South Texas and the Rio Grande Valley as of 8 PM CDT 05/20/21
05/22/21	NWS NHC Miami, FL: 0200 EDT Tropical Weather Outlook
05/22/21	NWS Houston/Galveston Weather Update: Tropical Disturbance Now Inland
05/22/21	NWS Austin/San Antonio: Saturday 530 AM Weather Update, Tropical Disturbance Now Inland, Heavy Downpour Threat Continues
05/22/21	NWS NHC Miami, FL: 0800 EDT Tropical Weather Outlook

Informational Products

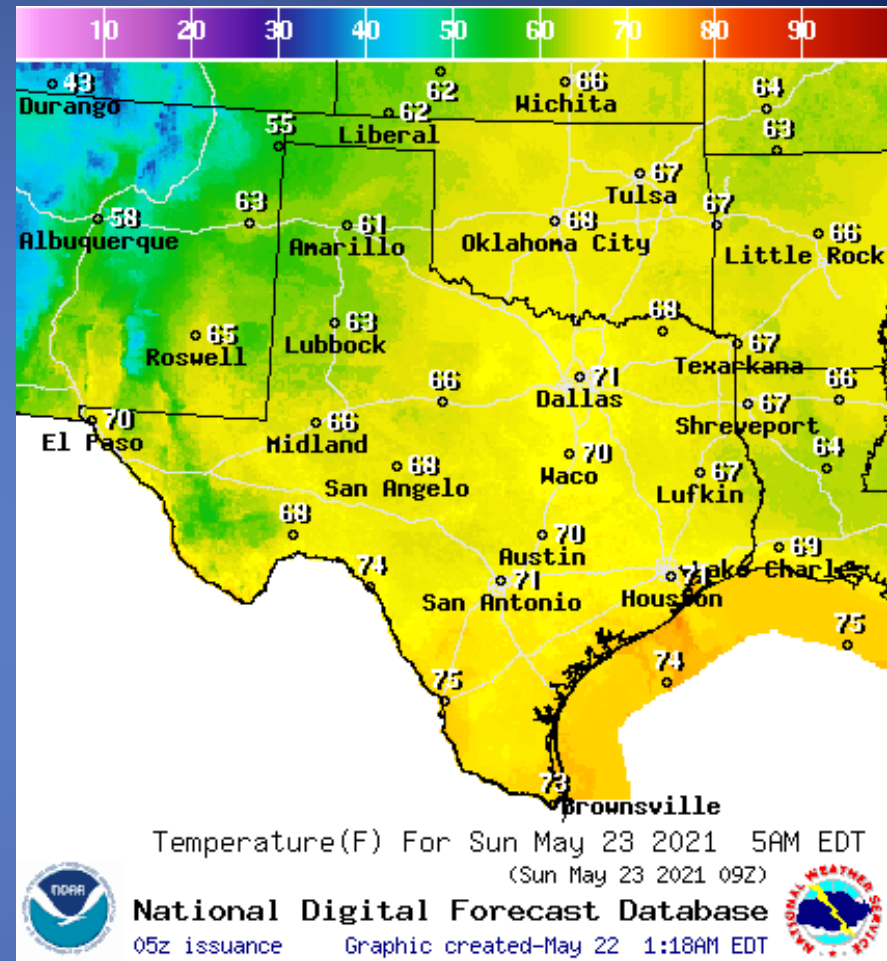
Distributed by the State Operations Center

DATE	SUBJECT
05/22/21	NWS Corpus Christi: Public Information Statement - Preliminary Highest Wind Reports Past 24 Hours
05/22/21	NWS Corpus Christi: Public Information Statement - Preliminary Precipitation Reports Past 24 Hours
05/22/21	Daily NWS Threat Brief for Saturday, May 22, 2021 for FEMA Region 6

Weather Forecast

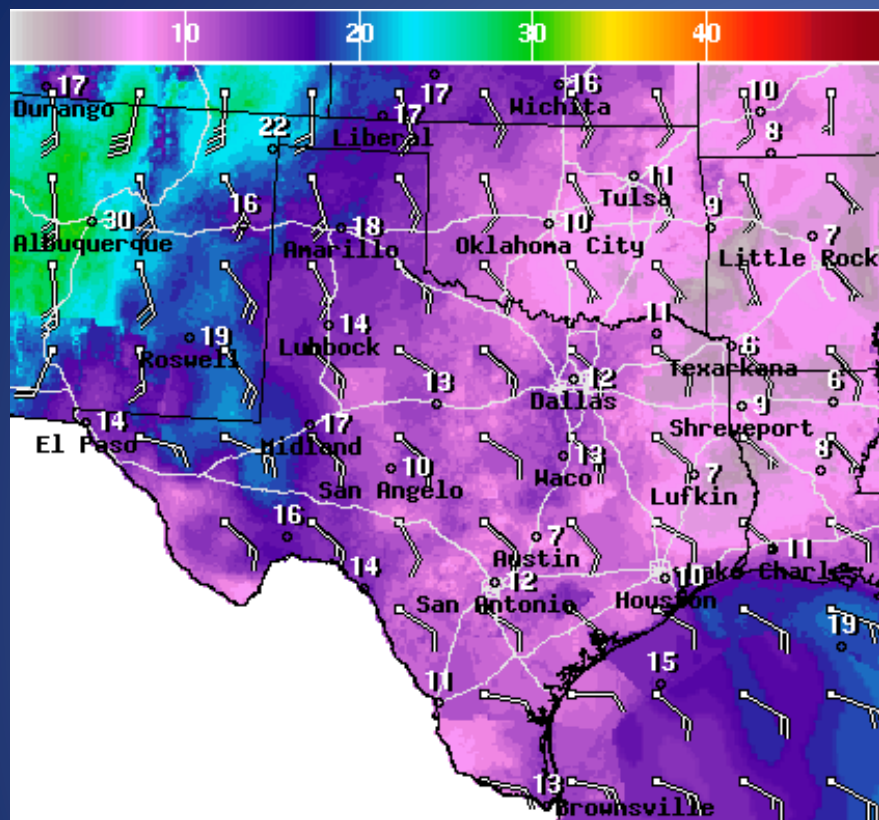


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Sat May 22 2021 5PM EDT

(Sat May 22 2021 21Z)



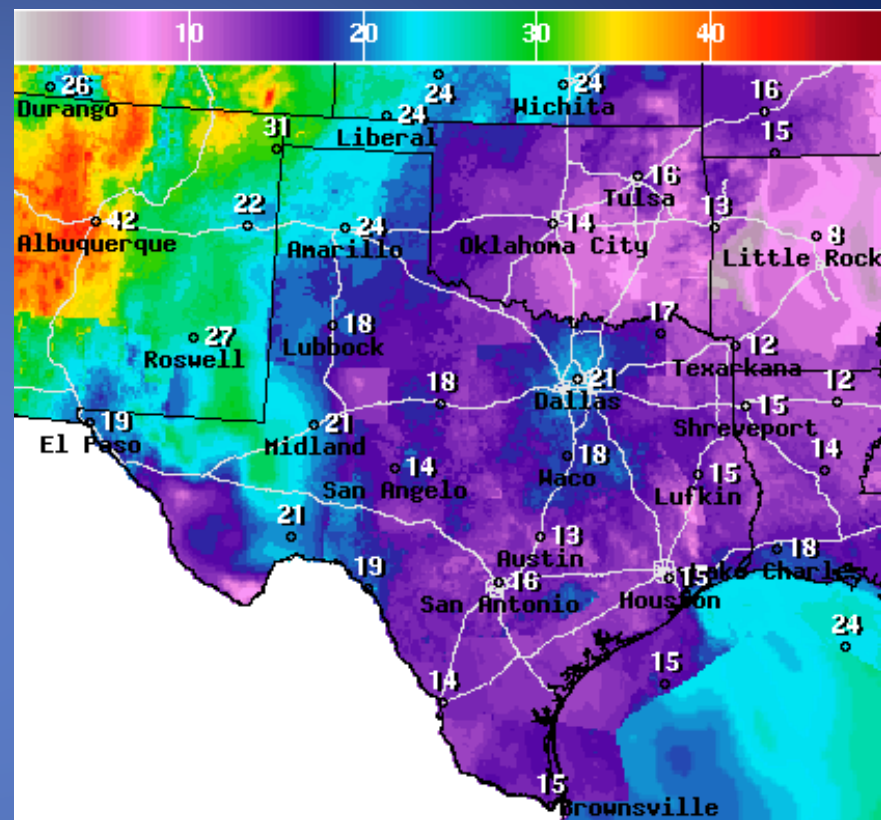
National Digital Forecast Database

05z issuance

Graphic created-May 22 1:26AM EDT



Wind Speeds



Wind Gust(Kts) Sat May 22 2021 5PM EDT

(Sat May 22 2021 21Z)



National Digital Forecast Database

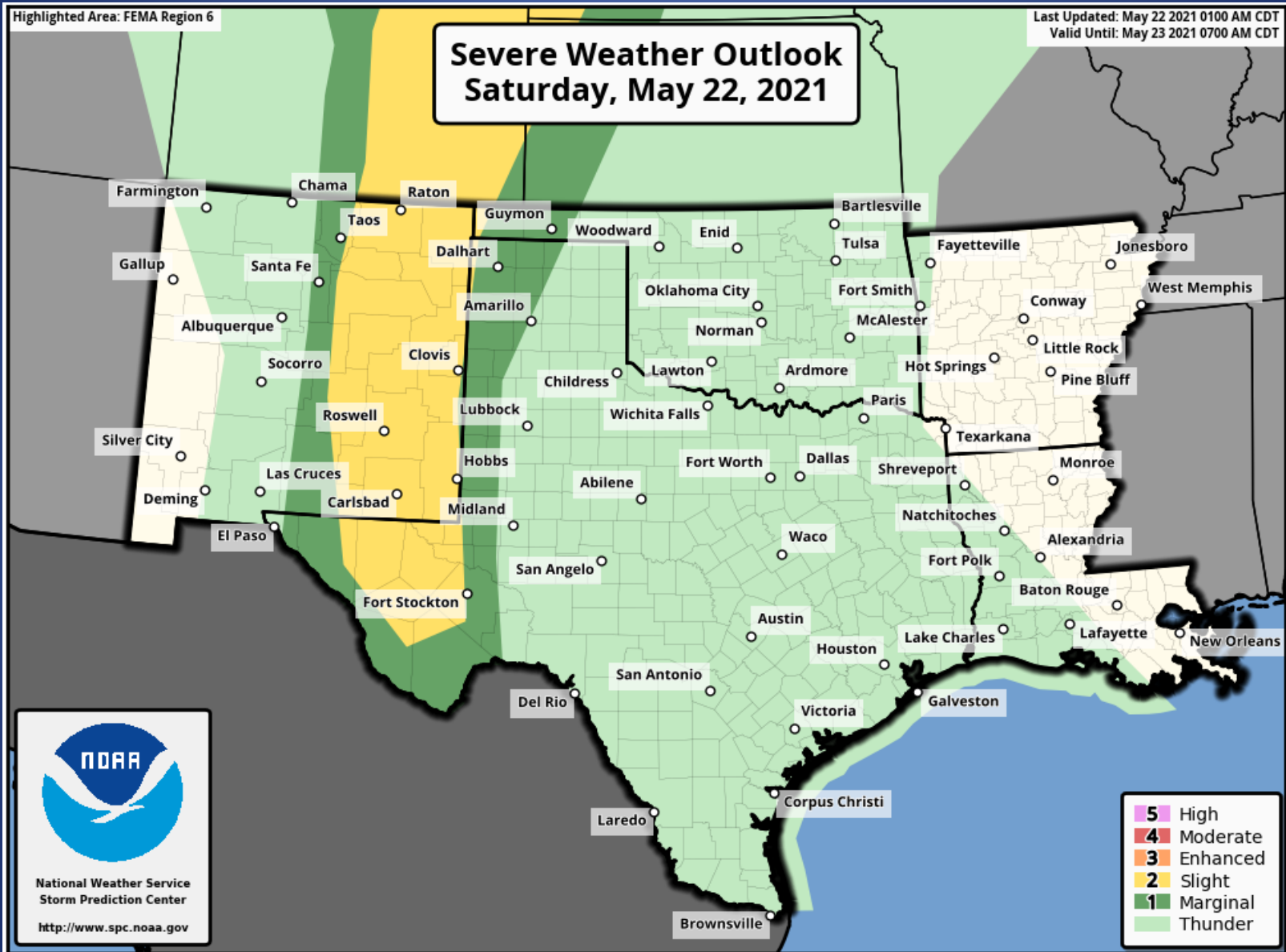
05z issuance

Graphic created-May 22 1:30AM EDT



Gusts

Hazardous Weather

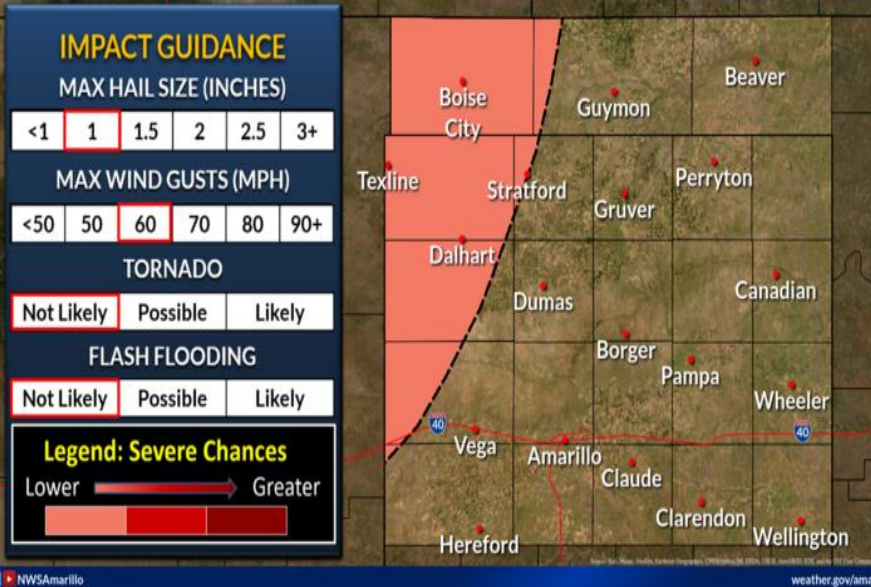


Hazardous Weather

Severe Thunderstorm Potential Today - 4 pm to 9 pm

Storm motion is northeast at 15 to 25 mph

Weather Forecast Office
Amarillo, TX
Issued May 22, 2021 3:28 AM CDT

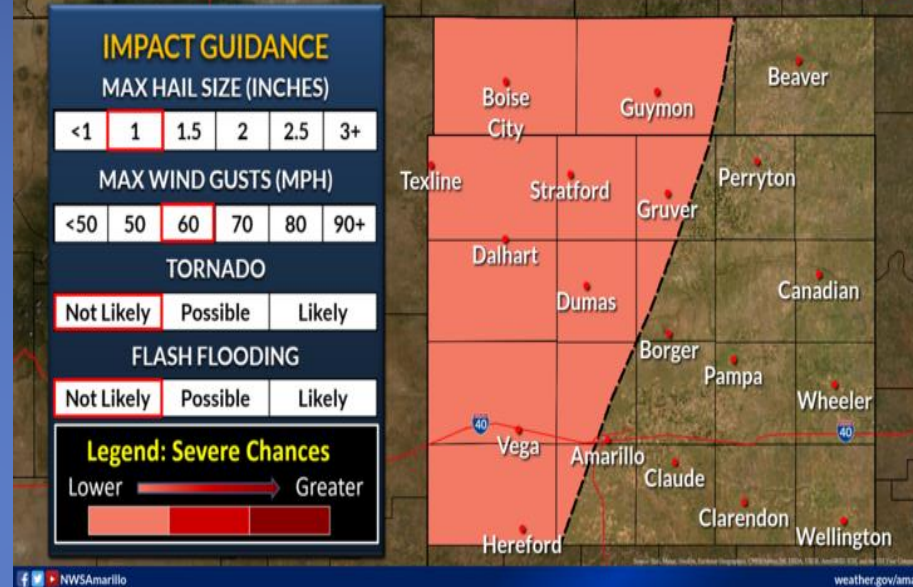


A few strong to severe thunderstorms are possible this afternoon and evening between 4 PM and 9 PM across the northwest Panhandles with large hail and damaging winds as the main threats. A tornado cannot be ruled out at this time, but chances remain low. Storms that do form will likely be isolated moving northeast at around 15 to 25 mph.

Severe Thunderstorm Potential Today - 9 pm to 2 am

Storm motion is northeast at 15 to 25 mph

Weather Forecast Office
Amarillo, TX
Issued May 22, 2021 3:27 AM CDT



A cluster of strong to severe thunderstorms are possible later tonight between 9 PM and 2 AM across the western half of the combined Panhandles with large hail and damaging winds as the main threats. A tornado cannot be ruled out at this time, but chances remain low. The cluster of storms will be moving northeast at around 15 to 25 mph.

Hazardous Weather

Mostly Cloudy and Warm Today

Isolated to Scattered Showers and Thunderstorms

Weather Forecast Office
Corpus Christi, TX
Issued May 22, 2021 5:19 AM CDT

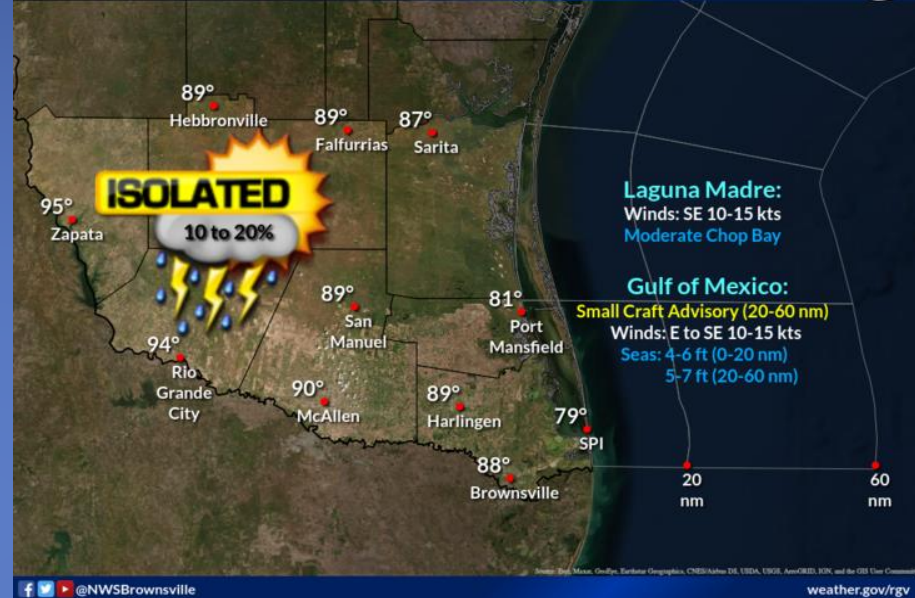


Warm and muggy conditions under mostly cloudy skies today. Isolated showers and thunderstorms expected across the Rio Grande Plains with scattered activity across the Coastal Bend and Victoria Crossroads. Highs will be in the mid 90s west to mid 80s east.

Today | Partly cloudy with isolated convection

Elevated Marine Swell

Weather Forecast Office
Brownsville/RGV, TX
Issued May 22, 2021 4:08 AM CDT



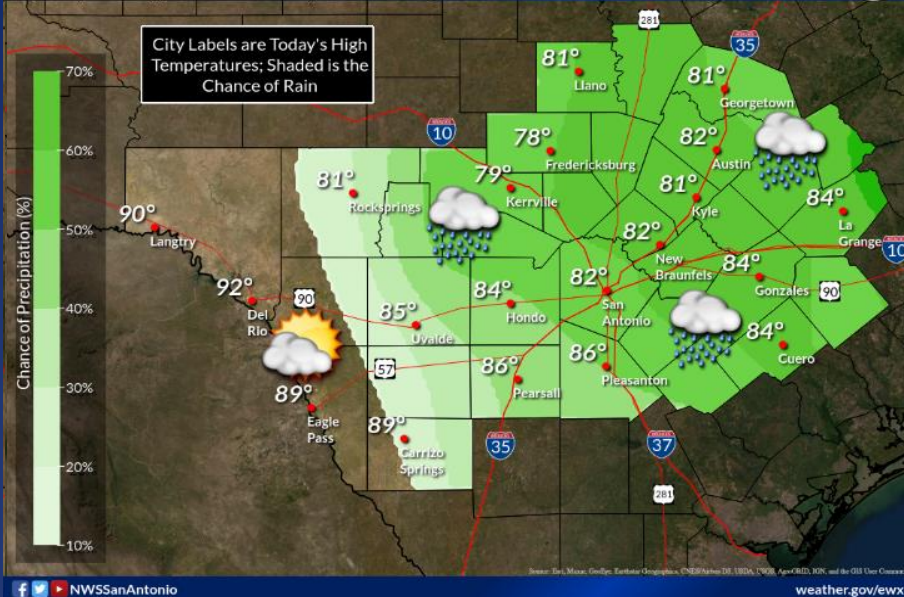
Partly cloudy. Mainly isolated showers and thunderstorms. Moderate east to southeast winds. Highs mid 80s to mid 90s.

Hazardous Weather

Showers and Isolated Thunderstorms Today

Weather Forecast Office
Austin/San Antonio, TX
Issued May 22, 2021 3:51 AM CDT

High Temps in the Upper 70s in Hill Country to Near 90 Along the Rio Grande

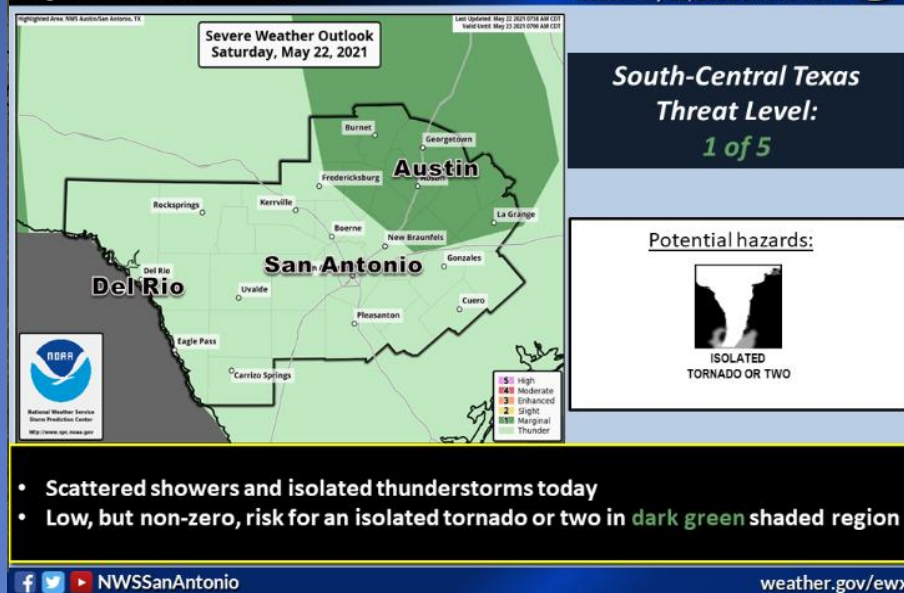


A weak gulf disturbance that moved onto the middle Texas coast earlier this morning will provide rounds of showers along with the chance for thunderstorms today. Greatest chances will favor the eastern regions. Temperatures will trend below average for the majority of the region while areas along the Rio Grande climb to around 90 degrees.

Tropical Showers and Isolated Storms Today

Weather Forecast Office
Austin/San Antonio
Issued May 22, 2021 8:00 AM CT

Marginal Risk for Isolated Tornadoes



- Scattered showers and isolated thunderstorms today
- Low, but non-zero, risk for an isolated tornado or two in dark green shaded region

Tropical showers and isolated thunderstorms are forecast today. There is a low, but non-zero, risk for isolated tornadoes roughly near and north of a Fredericksburg to New Braunfels, to La Grange line.

Hazardous Weather

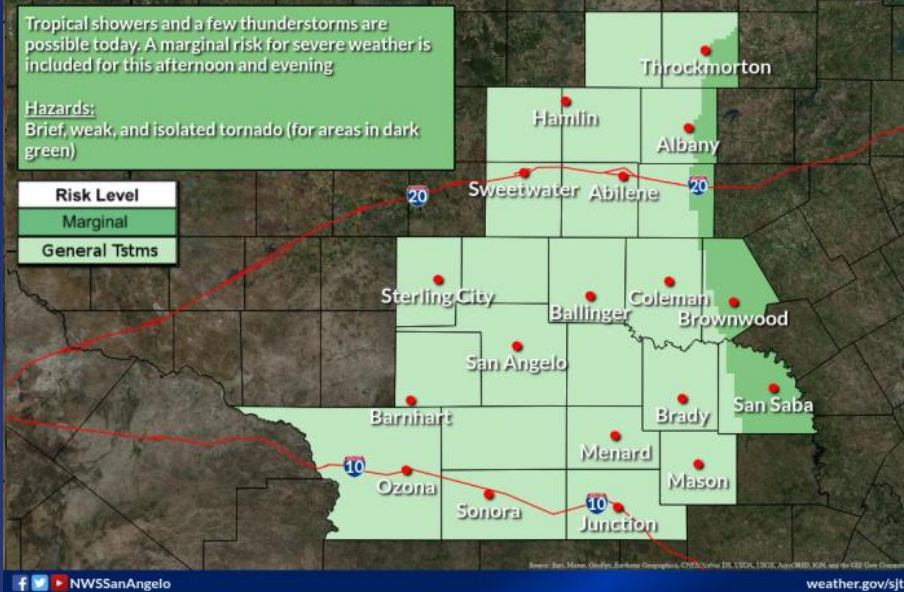
Today's Severe Weather Threat

Weather Forecast Office
San Angelo, TX
Issued May 22, 2021 8:26 AM CDT

Tropical showers and a few thunderstorms are possible today. A marginal risk for severe weather is included for this afternoon and evening

Hazards:
Brief, weak, and isolated tornado (for areas in dark green)

Risk Level
Marginal
General Tsms



Areas in dark green may see an isolated severe thunderstorm this afternoon and evening.

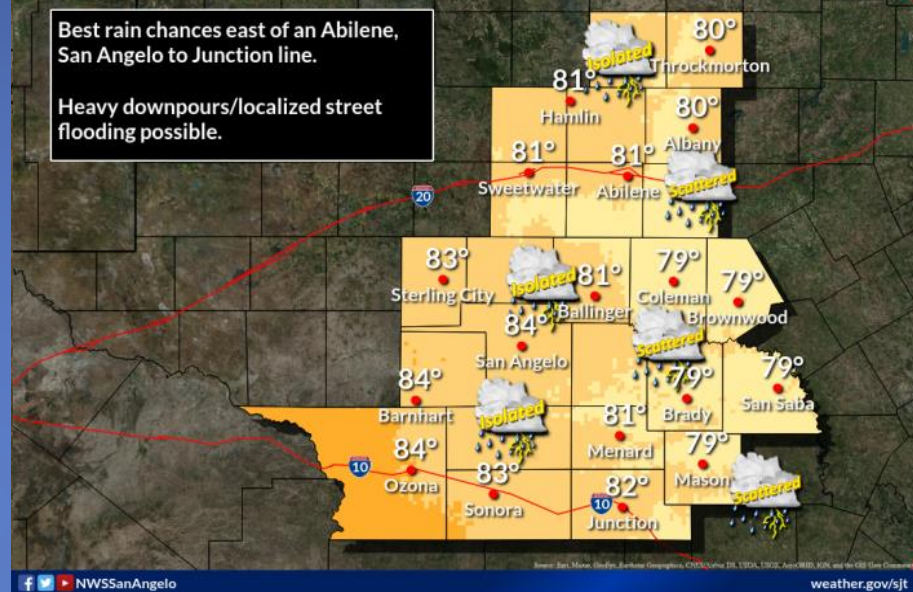
Mostly Cloudy-Scattered Showers/Isolated Storms.

Weather Forecast Office
San Angelo, TX
Issued May 22, 2021 6:05 AM CDT

Afternoon Highs

Best rain chances east of an Abilene, San Angelo to Junction line.

Heavy downpours/localized street flooding possible.



Showers and thunderstorm chances increase today, especially over eastern counties. Localized street flooding possible.

Hazardous Weather

Severe Storm Chances Later Today

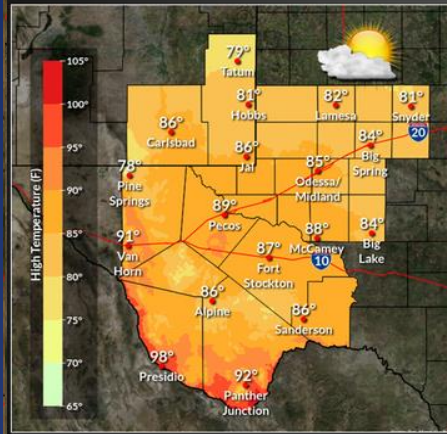
Thunderstorms developing late afternoon into the evening.

Weather Forecast Office
Midland/Odessa, TX

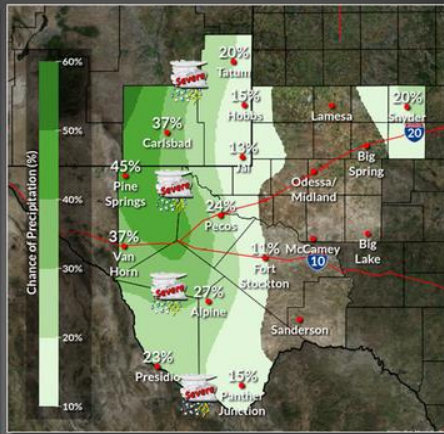
Issued May 22, 2021 2:36 AM CDT



High Temperatures



Thunderstorm Chances



f t NWSMidland

weather.gov/maf

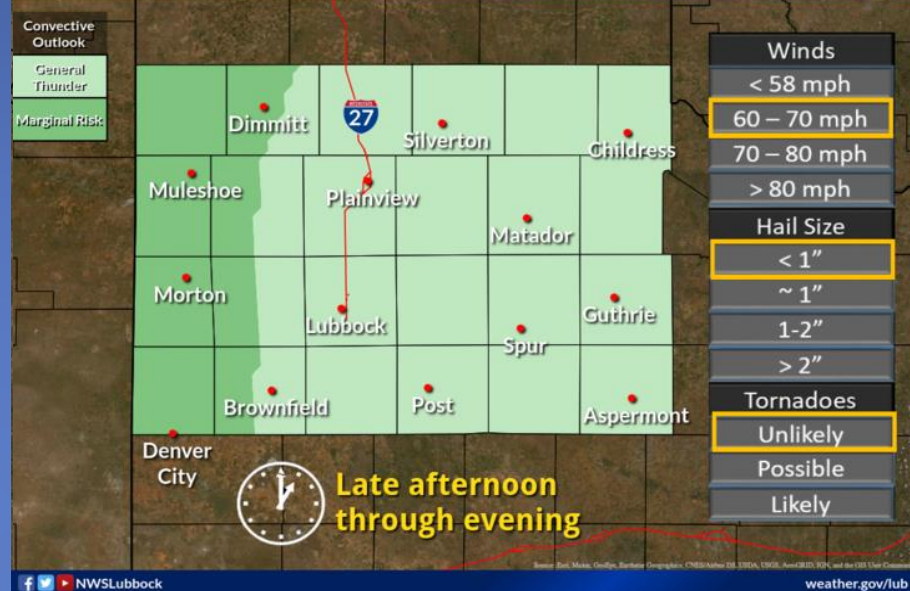
Temperatures will be near to slightly below normal this afternoon with severe thunderstorms brewing out west later in the day. Be weather aware today!

Severe Weather Outlook

Severe Weather Chances for: xxx

Weather Forecast Office
Lubbock, TX

Issued May 22, 2021 7:37 AM CDT



There will be a chance for a couple of strong to severe storms across the southwest Texas Panhandle and western South Plains this evening. The strongest activity will be capable of producing wind gusts to 65 mph, small hail and brief heavy rainfall.

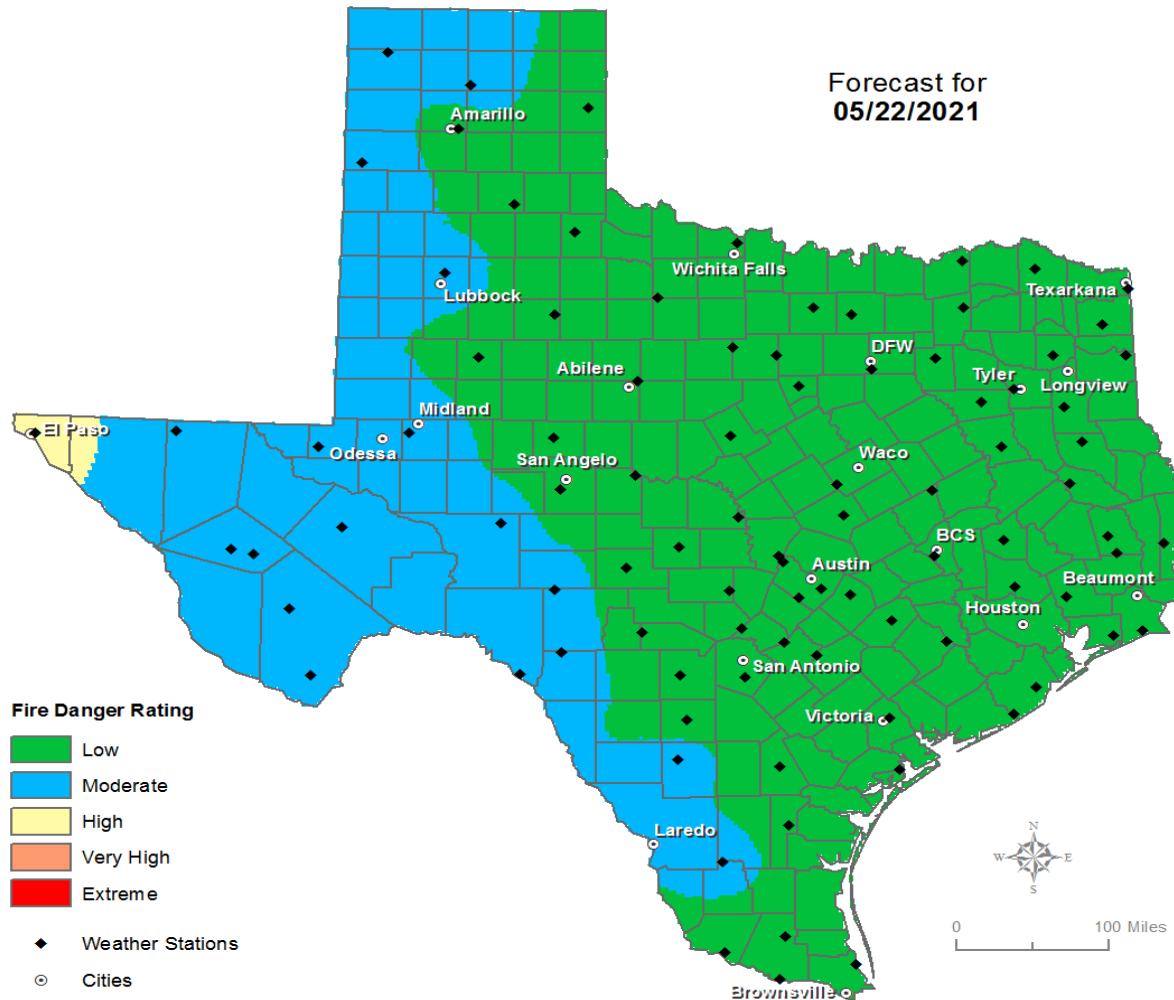
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/21/21	Coastal Flood Advisory	Brazoria, Cameron, Chambers, Galveston, Harris, Kenedy, Matagorda & Willacy Counties
05/21/21	Flood Advisory	Anderson, Henderson, Rains & Van Zandt Counties
05/21/21	Coastal Flood Warning	Brazoria, Chambers, Galveston, Harris, Matagorda Counties
05/22/21	Coastal Flood Advisory	Aransas, Calhoun, Kleberg, Nueces & Orange Counties
05/22/21	Urban and Small Stream Flood Advisory	Calhoun & Victoria Counties
05/22/21	Coastal Flood Warning	Jefferson County

Fire Danger Forecast

Forecast Fire Danger

Forecast for
05/22/2021



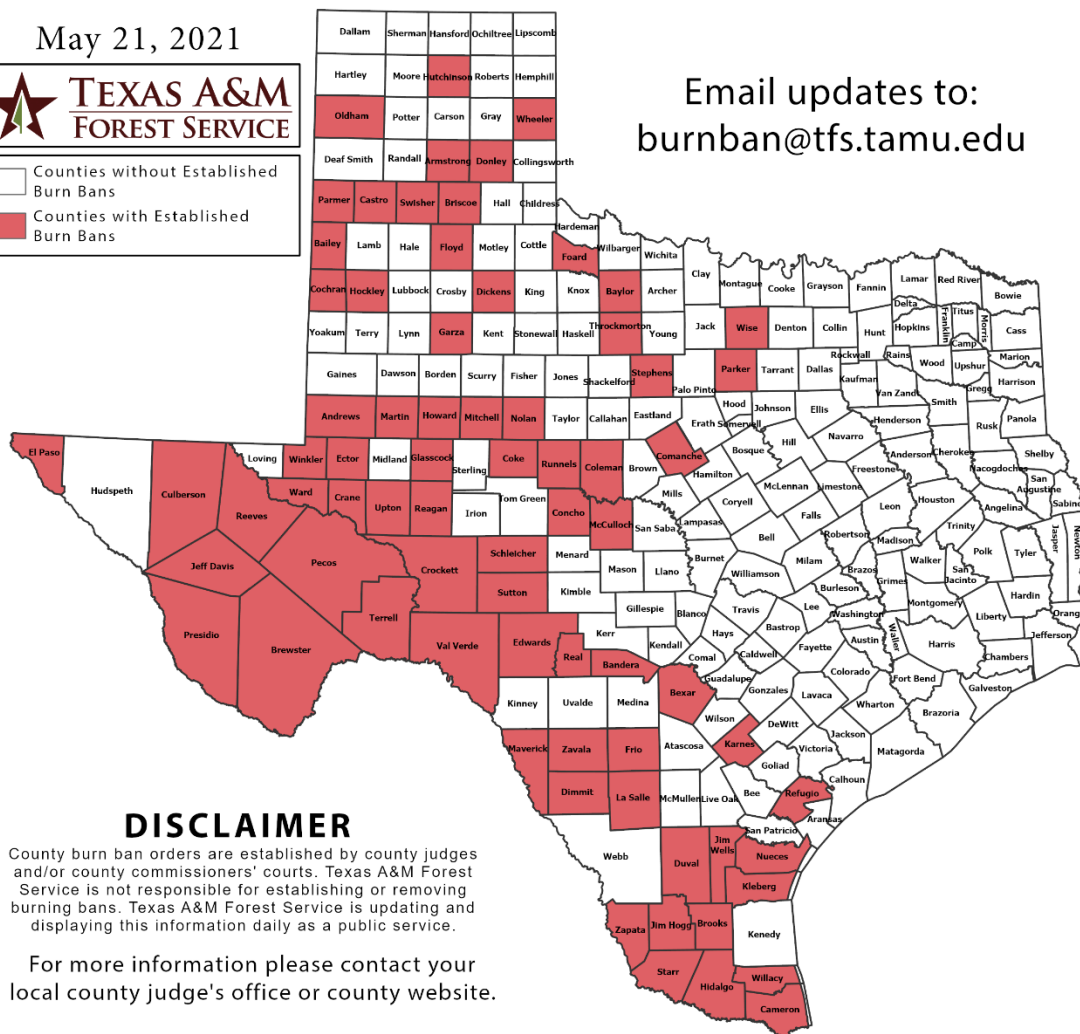
Burn Ban

OUTDOOR BURN BANS

May 21, 2021



☐ Counties without Established Burn Bans
☒ Counties with Established Burn Bans



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 73

Andrews	Jim Wells
Armstrong	Karnes
Bailey	Kleberg
Bandera	La Salle
Baylor	McCulloch
Bexar	Martin
Brewster	Maverick
Briscoe	Mitchell
Brooks	Nolan
Cameron	Nueces
Castro	Oldham
Cochran	Parker
Coke	Parmer
Coleman	Pecos
Comanche	Presidio
Concho	Reagan
Crane	Real
Crockett	Reeves
Culberson	Refugio
Dickens	Runnels
Dimmit	Schleicher
Donley	Starr
Duval	Stephens
Ector	Sutton
Edwards	Swisher
El Paso	Terrell
Floyd	Throckmorton
Foard	Upton
Frio	Val Verde
Garza	Ward
Glasscock	Wheeler
Hidalgo	Willacy
Hockley	Winkler
Howard	Wise
Hutchinson	Zapata
Jeff Davis	Zavala
Jim Hogg	

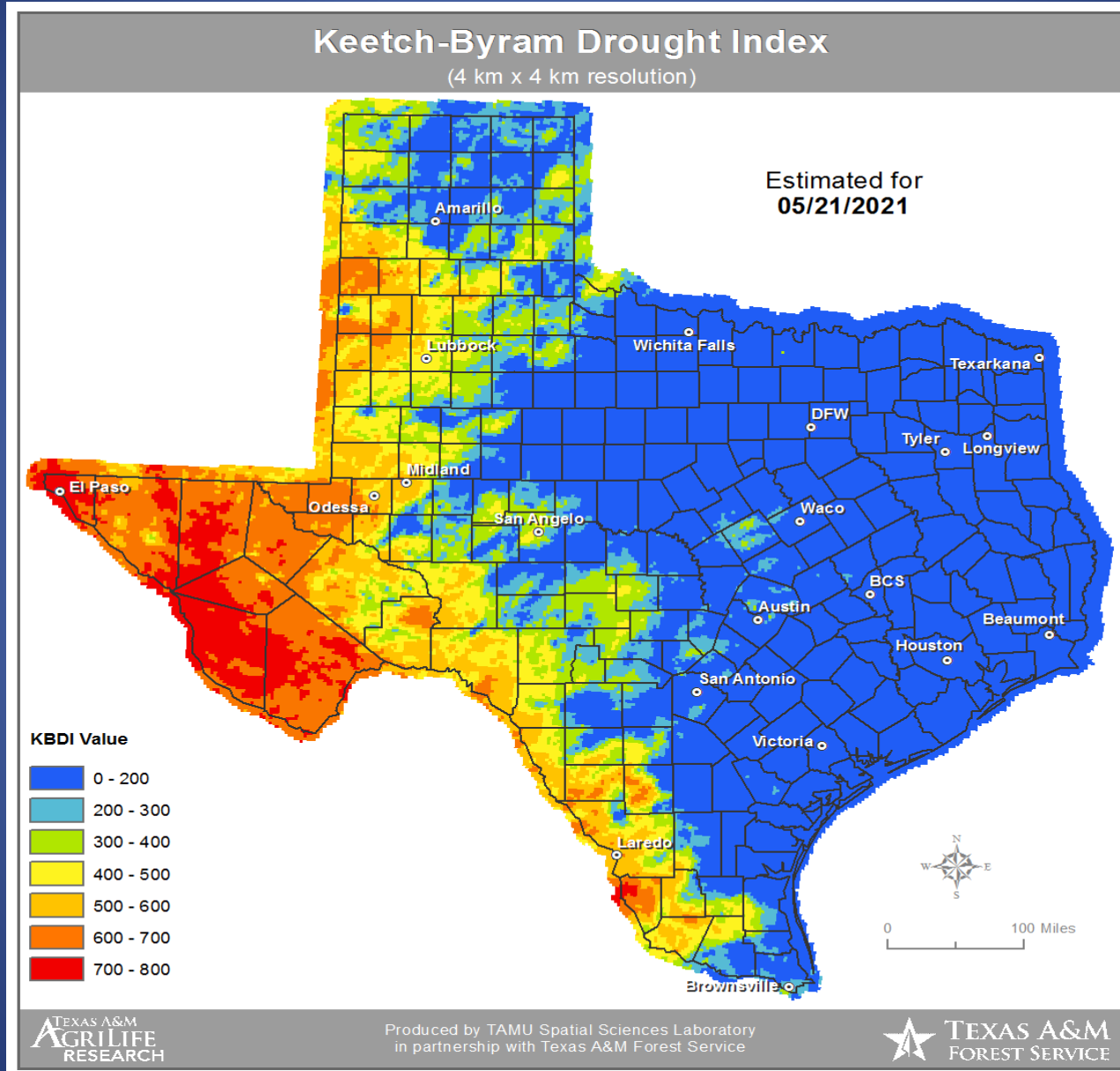
DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

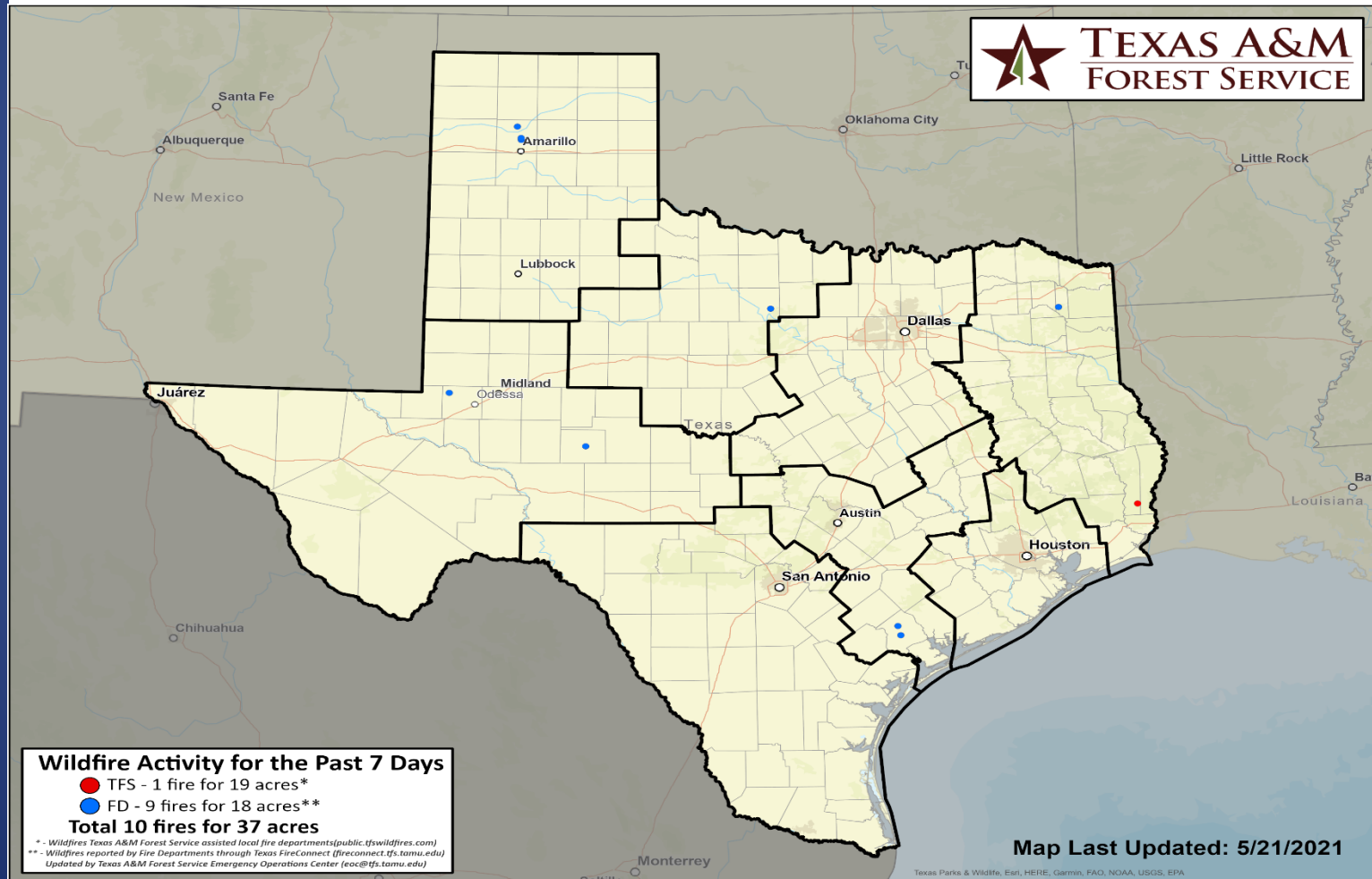
RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index



Fire Activity (*Last 24 Hours)

Reports of 226 (no change) fires and 37,555 (no change) acres have been destroyed this year. There are 73 (no change) counties with burn bans. The Keetch-Byram Drought Index list 39 (no change) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/20/21	06/03/21	Intermediate Incident Command System for Expanding Incidents	G-300	Bryan
05/21/21	05/23/21	Intermediate Incident Command System for Expanding Incidents	G-300	Wichita Falls

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
05/22/21	05/22/21	Arlington	MLB: 2021 Texas Rangers
05/22/21	05/22/21	Austin	NASCAR: Toyota Tundra 225
05/22/21	05/22/21	Austin	NASCAR: Pit Boss 250
05/22/21	05/22/21	Austin	University of Texas – Austin, Commencement